

## Control method of a burner

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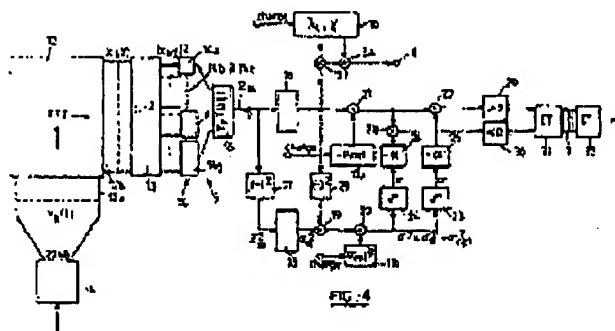
### Cited documents:

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### Abstract of EP1148298

Spectrum of frequencies is established in form of a sliding window as a function of temperatures (t), this spectrum of frequencies being raised during this sliding window and submitted to a statistical study of frequency distribution ( $Y_m$ ), among a number of frequency bands of spectrum and finally acting on functioning of burner (B) as a function of this statistical frequency distribution. The method includes generating a radiation signal representative of the power of radiation emanating from the flame. The next step includes converting (12) the radiation signal in such a manner as to establish the spectrum of frequencies ( $X_k(f)$ ), and establishing a correlation between a functioning parameter of the burner and a characteristic parameter of the spectrum of frequencies. The next step includes acting on the functioning of the burner as a function of the result of the correlation.



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